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**United States Patent** [19]**Iijima et al.****[11] Patent Number: 5,721,042****[45] Date of Patent: Feb. 24, 1998****[54] ELECTROSTATIC INFORMATION  
RECORDING MEDIUM**

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Japan****[21] Appl. No.: 618,548****[22] Filed: Mar. 19, 1996****Related U.S. Application Data****[62] Division of Ser. No. 75,581, PCT/JP92/01136 Oct. 15, 1992,  
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**[51] Int. Cl.<sup>6</sup> ..... B32B 3/00****[52] U.S. Cl. .... 428/195; 428/411.1; 428/421;  
428/422; 428/500; 428/913; 428/914; 427/256****[58] Field of Search ..... 430/122; 428/195,  
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427/256****[56] References Cited****U.S. PATENT DOCUMENTS**

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The electrostatic information recording medium of the present invention has an electric charge retaining layer 11 stacked on at least an electrode layer 13, as shown in FIG. 1. The electric charge retaining layer is formed from either ① a resin selected from among fluorocarbon resins and polystyrene resins, and an insulating organic substance having no photoconductivity. The electrostatic information recording medium may be produced, as shown in FIG. 5, by stacking an insulating resin layer 10 on an electrode layer 13, stacking a photoconductive or electrically conductive fine particle layer 11 on the insulating resin layer 10, and further stacking an insulating resin layer 12 on the fine particle layer 11 to a thickness of 0.1  $\mu\text{m}$  to 1  $\mu\text{m}$ . If the insulating resin layers 10 and 12 are formed by coating using a fluorocarbon resin solution, the electrostatic information recording medium can be produced with excellent processability.

**6 Claims, 13 Drawing Sheets**